

**Environmental
Resources
Management**

7272 E. Indian School Rd.
Suite 100
Scottsdale, AZ 85251
(480) 998-2401
(480) 998-2106 (fax)



21 May 2013

Ms. Janet Rosati
Remedial Project Manager
Superfund Division (SFD-6-2)
US EPA, Region IX
75 Hawthorne Street
San Francisco, CA 94105

Subject: Monthly Progress Report for April 2013
OU3 RI/FS, Motorola 52nd Street Superfund Site

Dear Ms. Rosati:

On behalf of Honeywell and Arizona Public Service Company, ERM-West, Inc. (ERM) is providing the United States Environmental Protection Agency with an update on the activities associated with implementing the Statement of Work included in the Administrative Order on Consent for Remedial Investigation and Feasibility Study at the Motorola 52nd Street Superfund Site, Operable Unit 3.

This progress report summarizes tasks and deliverables completed through 30 April 2013. Please feel free to contact me at (818) 970-7767, or via email at tony.ward@erm.com if you have any questions or comments regarding the attached progress report.

Sincerely,



Anthony C. Ward, P.G.
OU3 Group Project Coordinator

MFK/0096498.027

Enclosures: Monthly Progress Report

cc: Troy J. Kennedy, Honeywell
Judy Heywood, Arizona Public Service Company
Brian Stonebrink, Arizona Department of Environmental Quality
Claudia Garcia, United States Army Corps of Engineers
Sue Kraemer, Shaw Environmental, Inc.

OU3 RI/FS Monthly Progress Report for April 2013

Project Background:

This progress report describes activities associated with implementing the Motorola 52nd Street Superfund Site Operable Unit 3 (OU3) Study Area Remedial Investigation (RI) and Feasibility Study (FS) Statement of Work (SOW). This SOW is being implemented under an Administrative Settlement Agreement and Order on Consent (AOC) with the United States Environmental Protection Agency (EPA), EPA Region IX Docket No. 2008-17. The SOW includes the installation of seven new groundwater wells and four soil vapor monitoring wells, plus groundwater and soil vapor monitoring, aquifer testing, and preparation of an RI Report and FS Report.

ERM-West, Inc. (ERM) submitted the draft Planning Documents (*Quality Assurance Project Plan*, *Field Sampling Plan*, and the *OU3 Phase III Groundwater RI/FS Work Plan*) to the EPA for initial review on 20 November 2009. The OU3 Working Group received EPA approval of the Planning Documents, including the *Draft Groundwater RI/FS Work Plan*, on 15 July 2010 via e-mail. ERM received the formal notification letter of approval from the EPA by certified mail on 22 July 2010. On 17 September 2010, ERM provided the EPA the 15-day notification to begin well installation as described in Section 4.2.3 of the *OU3 Phase III Groundwater RI/FS Work Plan*. Mobilization in the field for this work began on 4 October 2010 and was completed during the week of 20 December 2010. The SVMW Installation was conducted from 18 April through 29 April, 2011 in accordance with the 10 March 2011 EPA approved Technical Memorandum No. 2 and the *OU3 Phase III Groundwater Remedial Investigation/Feasibility Study Work Plan* referenced above. Aquifer testing activities were conducted in accordance with the 21 July 2011 EPA approved *Technical Memorandum No. 3-Aquifer Test Work Plan*.

As an addendum to the *Final OU3 Phase III Groundwater RI/FS Work Plan*, Technical Memorandum No. 4, dated October 2012, was prepared to evaluate the current monitoring well network and propose activities to address the identified data gaps, including installation of additional monitoring wells. To expand the available data concerning contaminant fate and transport, *Technical Memorandum No. 5- Sampling for Aquifer Geochemical and Microbial Parameters* was prepared and submitted to EPA in May 2013. Additionally, in response to a request from EPA at the January 2013 Technical Working Group meeting, *Technical Memorandum No. 6 -Plan for Sampling of OU3 Wells for Semi-Volatile Organic Compounds in March 2013* was submitted in February 2013 and approved by EPA.

Summary of Work/Activities/Reports Required by the AOC/SOW this Reporting Period:

- Submitted the revised Table 1 from the February 2013 *Quarterly Soil Vapor Monitoring Data Report, Fourth Sampling Event – March 2012* to the EPA on 1 April 2013.
- Submitted the Response to Comments and the Revised Draft *September 2012 Semi-Annual Groundwater Report* on 1 April 2013 (SOW Section 4.2).
- Conducted work as described in Technical Memorandum No. 4:
 - Completed development of well groundwater monitoring well OU3-21S, and nested groundwater monitoring wells OU3-22S and OU3-22M (SOW Section 4.2);
 - Completed the survey of well OU3-21S, and nested wells OU3-22S and OU3-22M on 9 April 2013 (SOW Section 4.2);
 - Completed the baseline water quality sampling of well OU3-21S and nested wells OU3-22S and OU3-22M on 12 April 2013 (SOW Section 4.2);
 - Completed and submitted weekly reports during well installation and completion activities associated with the Technical Memorandum #4 field work; and
 - Notified EPA on 30 April 2013 of the OU3 Working Group's intent to re-sample the three wells OU3-21S, OU3-22S, and OU3-22M (for volatile organic compounds and 1,4-dioxane) due to a laboratory-caused hold time violation for 1,4-dioxane.
- Submitted the Soil Vapor Summary Report on 16 April 2013 (SOW Section 4.6).
- Submitted the *Monthly Progress Report March 2013* on 19 April 2013 (SOW Section 5.3).
- Submitted the revised 2010 groundwater contour maps to the Arizona Department of Environmental Quality (ADEQ) on 24 April 2013.
- Attended the Community Informational Group (CIG) meeting on 24 April 2013.

Upcoming Scheduled and Anticipated Activities (next eight weeks):

- Complete the *Response to Comments* and edits to the *Revised Draft Technical Memorandum No. 5 Sampling for Aquifer Geochemical and Microbial Parameters* in May 2013.
- Submit the *Draft March 2013 Semi-annual Groundwater Report* to the EPA in May 2013 (SOW Section 4.4).
- Re-sample wells OU3-21S, OU3-22S and OU3-22M for baseline dataset for volatile organic compounds and 1,4-dioxane in May 2013.